Notes on Possible Faults

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OXYLOG 2000: Notes on handling and trouble-shooting

Key phrase	Notes	Possible fault
Flow measurement	No switching of autozero valve	Flow measurement "INOP"
1. Inspiration socket	On fitting inspiration socket, locking bolt must be inserted into countersink provided in inspiration socket.	Leakage Leakage alarm
Assembly	On assembly, lay internal cables such that recess for battery compartment is not blocked, as otherwise connectors for I:E and MV valve could be pulled out in the process. Cables must be extended if they cannot be laid properly. The cables most likely to be affected are those of the PN valve.	Failure of I:E valve Failure of minute volume valve
Leakage, high-pressure end	If gas is heard to escape via IPPV/SIMV mode selector switch, then non-return valve RV4 is not closing completely. Better closing can be achieved by using a larger metering insert R4 in the gas inlet block. Part no.: 84 09 395	Inlet end only leaking in IPPV setting

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	Hoses to 3/2-way valve (IPPV/SIMV mode selector switch) mixed up or valve leaking	
	Leakage in sensor P-supply connection	Leakage on inlet end
Leakage, low-pressure end	Leak in demand regulator	Leakage on low-pressure end
	Bolt for inspiration socket not located in countersink provided	
	O-ring at inspiration socket cracked	
	Crack in hose between MV valve and pneumatic system	
	Crack in PH valve diaphragm	
	Dust particles in safety valve	
PEEP valve	No switching of PN valve at I:E valve	No or insufficient PEEP pressure
	Non-return valve RV2 leaking or closed	
	Expiration valve diaphragm cracked	
	PEEP valve spring not functioning properly	PEEP pressure outside tolerance
	Crater section of PH valve damaged	Fluctuation in PEEP pressure
	Screw at stem of PEEP valve not secured	Not possible to adjust PEEP valve over entire range
Actuation PCB	On fitting new actuation PCB, make sure soldering jumpers S3 and S4 are in position. Refer also to microfiche section "R" for actuation PCB.	INOP 03 04
Spontaneous breathing	If demand regulator functions properly, check to see whether non-return valve RV1 in pneumatics unit is closing properly	No build-up of CPAP pressure by unit

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